

MERCURY USE TREE

Sources of Mercury

Deliberate use of mercury

Use of mercury for its physical and electrical properties

Instruments

barometers
hydrometers
manometers
pyrometers
sphygmomanometer
thermometers

Lamps

fluorescent
high pressure sodium
mercury arc
metal halide
neon
UV disinfectant

Pivots

W/WTP trickling filter arm
lighthouses

Switches

household switches
industrial switches
mercury thermocouple
tilt (motion) switches

Electrical equipment

rectifiers
batteries (including alkaline,
button [Hg-Zn] and Hg-Cd)

Toys and games

Medical, dental and veterinary use

Pharmaceuticals

anesthetic
antiseptic
antineoplastic agent
antisyphilitic
cathartic
diuretic
purgative

Dental Amalgam

Disinfectant

phenyl mercuric acetate (PMA)
thimerisol

Diagnostic reagents
(see laboratory use)

Spiritist use

Ingested, dusted
added to bathing
solutions and
candles

azogue (Hg)
precipitado rojo (HgO)
precipitado amarillo (HgO)
precipitado blanco (Hg_2Cl_2)

Laboratory use

Slide preparation

stain

Electroanalysis

cathode

Algae sample
preservative

Reagents
(used to analyze other
chemicals)

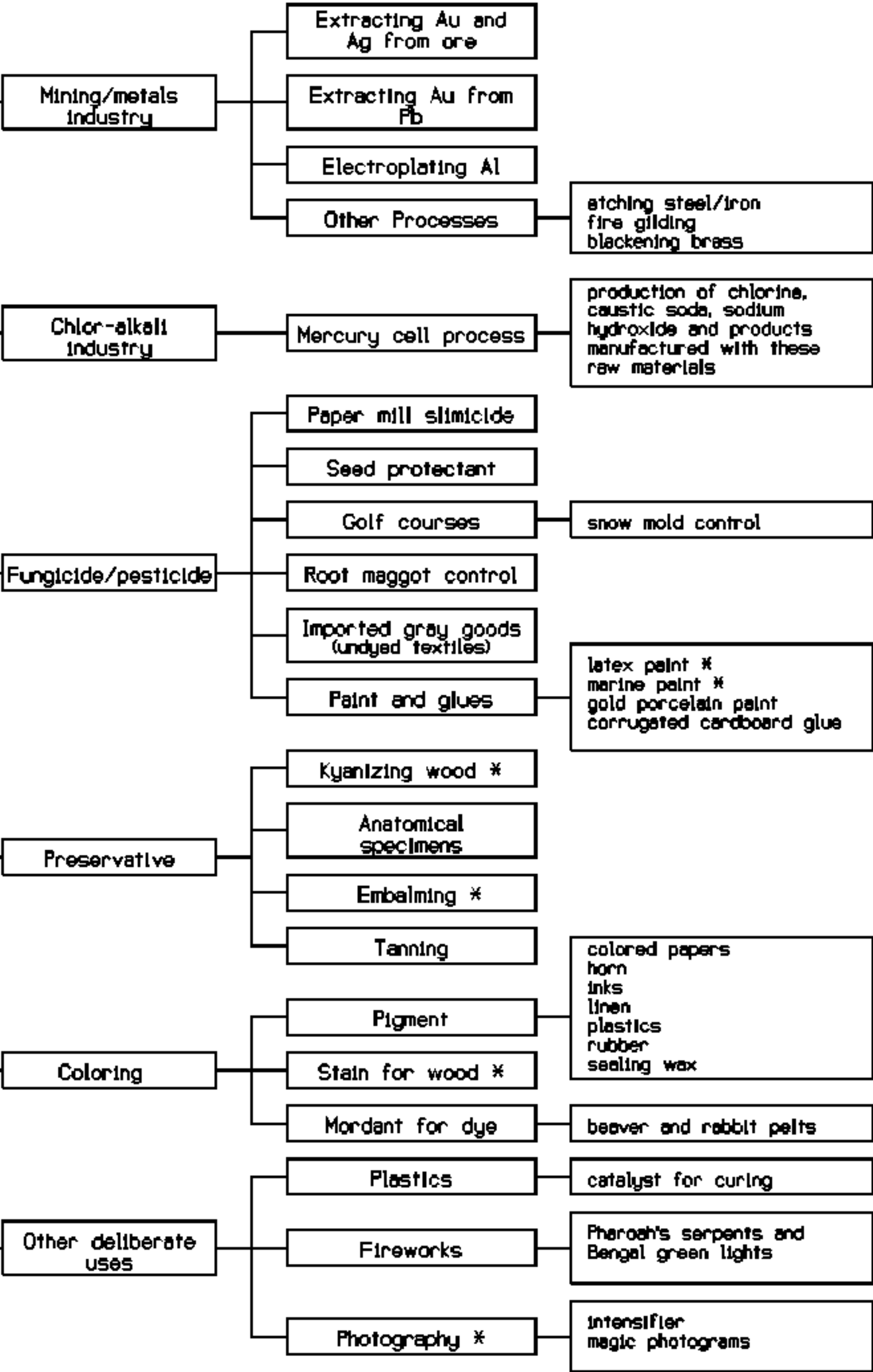
acetic acid
acetone
aldehyde
ammonia
arsenic
barbital
chloride
chlorine
citric acid
CO in gas
cystine
glucose
HCN
Iron
Kjeldahl nitrogen
manganese
mercury
thiophene
vanadium
wine coloring
zinc

continued

continued

Sources of Mercury continued

Deliberate Use continued



continued

